

Costliest U.S. Tropical Cyclones

NOAA's National Centers for Environmental Information (NCEI) in consultation with the National Hurricane Center (NHC) has updated this listing of costliest tropical cyclones to strike the United States. This listing was previously found in the NOAA memorandum The Deadliest, Costliest and Most Intense U.S. Tropical Cyclones, at <https://www.nhc.noaa.gov/pdf/nws-nhc-6.pdf>

For all United States hurricanes, Hurricane Katrina (2005, \$180.0B*) is the costliest storm on record. Hurricane Harvey (2017, \$143.8B*) ranks second, Hurricane Maria (2017, \$103.5B*) ranks third, Hurricane Sandy (2012, \$80.0B*) ranks fourth, and Hurricane Ida (2021, \$76.5B*) ranks fifth.

The NCEI data set provides more loss information than previous damage figures used by NHC, including agriculture, individual payouts, and disaster money from the federal government to the respective states. In performing these disaster cost assessments, NCEI examined statistics from a wide variety of sources. Using the latest scientific methodology, it determined the estimated total costs of these events - that is, the costs in terms of dollars that would not have been incurred had the event not taken place. Insured and uninsured losses are included in damage estimates. Sources include the National Weather Service, the Federal Emergency Management Agency, U.S. Department of Agriculture, U.S. Army Corps of Engineers, individual state emergency management agencies, state and regional climate centers, media reports, and insurance industry estimates.

For more information visit <https://www.ncei.noaa.gov/access/billions/>

**values based on the 2022 Consumer Price Index adjusted cost*



Costliest tropical cyclones to impact the United States (cost values are based on the 2022 Consumer Price Index adjusted cost)

Tropical Cyclone	Year	Category	Adjusted Costs
Agnes	1972	1	\$14.3B
Alicia	1983	3	\$8.5B
Allison	2001	TS	\$13.5B
Andrew	1992	5	\$54.3B
Betsy	1965	3	\$12.8B
Bob	1991	2	\$3.1B
Camille	1969	5	\$11.0B
Carol	1954	3	\$4.9B
Celia	1970	3	\$6.8B
Charley	2004	4	\$24.0B
Delta	2020	2	\$3.1B
Dennis	2005	3	\$3.6B
Diane	1955	1	\$8.8B
Donna	1960	4	\$3.7B
Elena	1985	3	\$3.4B
Florence	2018	1	\$26.9B
Floyd	1999	2	\$11.0B
Fran	1996	3	\$9.0B
Frances	2004	2	\$14.6B
Frederick	1979	3	\$6.7B
Georges	1998	2	\$10.4B
Great Atlantic Hurricane	1944	3	\$5.6B
Gustav	2008	2	\$7.7B
Harvey	2017	4	\$143.8B
Hugo	1989	4	\$20.4B
Ida	2021	4	\$76.5B
Ike	2008	2	\$39.0B
Imelda	2019	TS	\$5.5B
Iniki	1992	4	\$6.2B
Irene	2011	1	\$16.9B
Irma	2017	4	\$57.5B
Isaac	2012	1	\$3.4B
Isabel	2003	2	\$8.4B
Isaias	2020	1	\$5.2B
Ivan	2004	3	\$30.5B
Jeanne	2004	3	\$11.2B
Juan	1985	1	\$3.9B
Katrina	2005	3	\$180.0B
Laura	2020	4	\$25.3B
Lee	2011	TS	\$3.1B
Long Island Express	1938	3	\$6.2B
Maria	2017	4	\$103.5B
Marilyn	1995	2	\$3.9B
Matthew	2016	1	\$11.7B
Michael	2018	5	\$28.0B
Opal	1995	3	\$8.7B
Rita	2005	3	\$26.5B

Tropical Cyclone	Year	Category	Adjusted Costs
Sally	2020	2	\$7.9B
Sandy	2012	1	\$80.0B
Wilma	2005	3	\$27.0B
Zeta	2020	2	\$4.7B

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Tropical cyclones impacting the United States that resulted in at least \$1 billion of damage costs at the time they occurred

Tropical Cyclone	Year	Category	Unadjusted Costs
Agnes	1972	1	\$2.1B
Alberto	1994	TS	\$1.0B
Alicia	1983	3	\$3.0B
Allison	2001	TS	\$8.5B
Andrew	1992	5	\$27.0B
Betsy	1965	3	\$1.4B
Bob	1991	2	\$1.5B
Bonnie	1998	3	\$1.0B
Camille	1969	5	\$1.4B
Charley	2004	4	\$16.0B
Delta	2020	2	\$2.9B
Dennis	2005	3	\$2.5B
Dolly	2008	2	\$1.3B
Dorian	2019	1	\$1.6B
Elena	1985	3	\$1.3B
Elsa	2021	TS	\$1.2B
Eta	2020	TS	\$1.5B
Florence	2018	1	\$24.0B
Floyd	1999	2	\$6.5B
Fran	1996	3	\$5.0B
Frances	2004	2	\$9.8B
Fred	2021	TS	\$1.3B
Frederick	1979	3	\$1.7B
Georges	1998	2	\$6.0B
Gustav	2008	2	\$6.0B
Hanna	2020	1	\$1.1B
Harvey	2017	4	\$125.0B
Hugo	1989	4	\$9.0B
Ida	2021	4	\$73.6B
Ike	2008	2	\$30.0B
Imelda	2019	TS	\$5.0B
Iniki	1992	4	\$3.1B
Irene	2011	1	\$13.5B
Irma	2017	4	\$50.0B
Isaac	2012	1	\$2.8B
Isabel	2003	2	\$5.5B
Isaias	2020	1	\$4.8B
Isidore	2002	TS	\$1.2B
Ivan	2004	3	\$20.5B
Jeanne	2004	3	\$7.5B
Juan	1985	1	\$1.5B
Katrina	2005	3	\$125.0B
Laura	2020	4	\$23.2B
Lee	2011	TS	\$2.5B
Lili	2002	1	\$1.1B
Maria	2017	4	\$90.0B
Marilyn	1995	2	\$2.1B

Tropical Cyclone	Year	Category	Unadjusted Costs
Matthew	2016	1	\$10.0B
Michael	2018	5	\$25.0B
Nicholas	2021	1	\$1.0B
Opal	1995	3	\$4.7B
Rita	2005	3	\$18.5B
Sally	2020	2	\$7.3B
Sandy	2012	1	\$65.0B
Wilma	2005	3	\$19.0B
Zeta	2020	2	\$4.4B

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